

VMIX-10

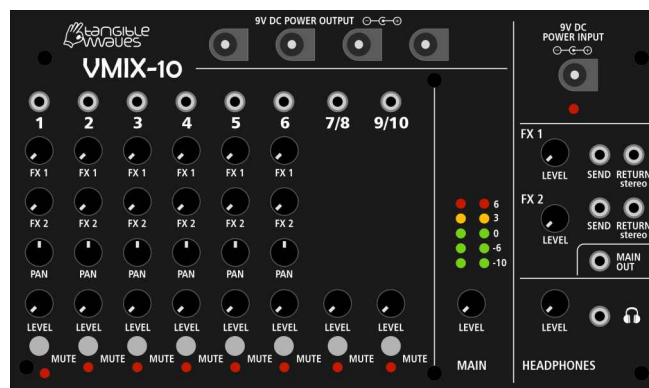
QUICK START GUIDE

Congratulations on your purchase of the VMIX-10 Audio Mixer!

This manual will guide you through the setup and operation of your new mixer, enabling you to make the most of its features. Please read this manual carefully before using the mixer.

1 Overview

The VMIX-10 is an 10-channel audio mixer (6 mono channels, 2 stereo channels) designed for versatile audio mixing with special focus on the Korg Volca series, sharing the mechanical dimensions. It offers four isolated DC outputs to supply up to four Volca synths. It features two FX send/return channels and a built-in headphone amplifier for monitoring purposes. With its straightforward controls and compact design, the VMIX-10 offers convenience and flexibility in your audio setup.



2 Setup

Follow these steps to set up your audio mixer:

- Connect the included power adapter to the VMIX-10 POWER INPUT socket and plug it into a wall outlet (use the appropriate snap-on for your wall outlet type; included is EU, US, UK type; AU available upon request).
- Connect your audio sources to the appropriate input jacks on the mixer via mono/stereo 3.5mm minijack cables.
- Connect your audio output devices (amplifiers, speakers, etc.) to the MAIN OUT jack on the mixer.
- Connect your effects unit(s): SEND on VMIX-10 to the input of the FX device (sends are mono); outputs of the FX device to RETURN of the FX 1 / FX 2 section (stereo).
- Connect your headphones to the dedicated headphone output on the mixer.

3 Channel controls

Each of the channels 1...6 on the VMIX-10 has various controls to adjust the audio signal.

Here is an overview of the controls:

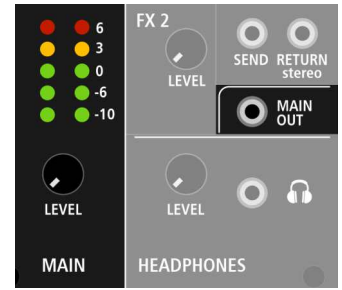
- **FX Send Channels:** The VMIX-10 features two dedicated FX send channels. These channels allow you to route audio signals to external effects processors. Use the corresponding FX send controls to adjust the level of the signal being sent to the effects processor.
- **PAN Control:** The pan control adjusts the placement of the audio signal in the stereo field. Turn it clockwise for right-channel dominance, counterclockwise for left-channel dominance, or leave it centered for an equal distribution.
- **LEVEL Control:** The level control adjusts the overall volume level of the channel.
- The mute button silences the signal of the channel; when mute is active, the LED lights up.

The channels 7/8 and 9/10 are stereo input channels; these only have a level control knob.



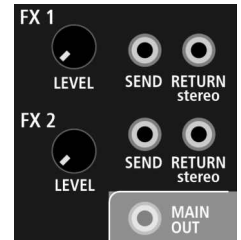
4 Main Output section

The VMIX-10's output section includes a stereo main output jack labelled MAIN OUT. Here, you can connect to an amplifier or speakers. Adjust the MAIN output level control to control the overall output level of the mixer; the two LED meters indicate the left and right channel of the main out signal.



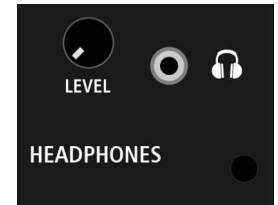
5 FX send / return section

The VMIX-10 includes two dedicated FX send channels labelled SEND. This signal is the sum of the channel signals controlled by the channels' FX1 and FX2 knobs. At the SEND jack, (mono signal, but a stereo jack providing the same signal) you can connect external effects processors. Connect the output of your effects processor to the FX RETURN jacks on the mixer. The FX LEVEL controls adjust independently the effects signal mix into the main output.



6 Headphone Amplifier

The built-in headphone amplifier provides a dedicated output for monitoring purposes, independent of the MAIN level control. Connect your headphones to the dedicated headphone output and use the LEVEL control to adjust the headphone volume. Turn the knob clockwise to increase the volume and counterclockwise to decrease it.



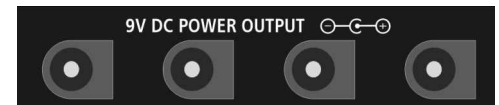
7 Powering Volcas from VMIX-10

The VMIX-10 includes four power output sockets; by these, you can power up to four Volca synths (or other devices, of course) and avoid a bunch of wall adapters ;-)

Each output is DC-isolated individually from the VMIX-10. This feature especially improves the sound quality with connected Volcas; without this, some noise would be introduced in the mix.

Each output can supply up to 120mA; enough for the Volcas, and should be fine also for most guitar pedals which run on 9V too.

- For Volcas, you need a DC power cable with 5.5/2.1mm plug on the one side and 4.0/1.7mm on the other end. You find them in the [tangible waves webshop](http://tangiblewaves.com), or at myvolts.com
- For guitar pedals, you need a polarity converter; pedals mostly have "center negative" power sockets.



8 Troubleshooting

If you encounter any issues with your audio mixer, check the following:

- Check the audio connections (Maybe a faulty cable? Plugs completely inserted?)
- Power supply, connected properly (LED below power socket lits up)
- Level controls of channel and MAIN / Headphones turned up?

If you still encounter problems, or have questions in general, look at the VMIX-10 forum here: vmix10.tangiblewaves.com

Enjoy your new VMIX-10 Audio Mixer; have a great audio mixing experience!

...and if you are interested in a compact and lowcost modular synth system, check out our AE modular at www.tangiblewaves.com!